Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 10 Dec 2020 until 23:59 on Friday 11 Dec 2020

Forecast Issued on Thursday 10 Dec 2020 at 03:42

Confidence: High for generally dull, damp conditions with low cloud over the next few days. High for unsettled conditions from Sunday onwards with rain and strong winds likely.

Headline for Thursday 10 Dec 2020: Extensive low cloud and patchy rain. Windy on the tops.

Mountain weather hazards on Thursday 10 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Mist	Fog	Fog	Light rain	Light rain
Precipitation probability					
50%	50%	50%	50%	70%	70%

Forecast for Thursday 10 Dec 2020

Weather: A dull and cold day with low cloud and occasional rain or drizzle, mostly light in nature. The rain will turn more persistent and heavier through the evening.

Chance of cloud free mountain/hill tops above 600m: Effectively nil chance. Extensive cloud cover above 300m expected throughout with patches on lower slopes.

Visibility: Very poor at height in the low cloud with navigational difficulties expected. Hazy below the cloud.

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Mountain Weather Forecast

Forecast for Thursday 10 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/23 SE	17/25 SE	16/24 S	18/27 SE	20/29 SE	19/29 SE	18/28 SE
300	6/18 SE	7/19 SE	10/22 SE	13/26 SE	13/27 SE	13/27 SE	13/26 SE
Valley	9/21 E	9/21 SE	9/21 SE	11/24 SE	13/29 SE	13/29 SE	11/25 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	1/-4	2/-4	2/-4	2/-4	2/-4	2/-4
300	3/1	4/1	4/0	4/-0	4/-0	4/-0	4/-0
Valley	5/2	5/2	6/3	6/2	6/2	6/2	6/2
Freezing Level*	1000m	1100m	1200m	1100m	1100m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Low cloud, damp conditions and strong winds combining to give a significant wind chill on the tops. Note that winds will gust 40-45mph at times on summits above 600m.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 10 Dec 2020	0.6mm	12.8mm	13.8mm

Forecast for Friday 11 Dec 2020

Weather: Cloudy and dull with outbreaks of rain or drizzle, these heavy at times and falling as sleet on the high summits.

Maximum wind: Southeasterly 25mph gusts 35mph in early hours, easing to 15-20mph during morning and 10-15mph in afternoon.

Chance of cloud free mountain/hill tops above 600m: 10%. Extensive cloud cover above 300m with patches on lower slopes. Bases lifting at times over northern hills in the afternoon but summits remaining in the cloud.

Visibility: Very poor at most elevations giving difficult navigation conditions. Generally hazy at lower levels.

Temperature: **Valleys:** Plus 5C rising to 7C.
At 600m: Plus 2 or 3C.
Freezing level: Above the summits.

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